Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 16 Dec 2021 until 23:59 on Friday 17 Dec 2021

Forecast Issued on Thursday 16 Dec 2021 at 01:11

Confidence: High for largely dry, settled conditions throughout, with high pressure becoming centred over the UK, but low for details of cloud, mist and fog.

Headline for Thursday 16 Dec 2021: Mainly dry, rather a lot of cloud in west, brighter in the east.

Mountain weather hazards on Thursday 16 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
10%	10%	10%	<05%	<05%	<05%

Forecast for Thursday 16 Dec 2021

Weather: Rather cloudy across western hills with the odd spot of drizzle possible early on. Drier and brighter across the east with some decent clear or sunny spells, although there is a risk of low level fog patches here at first and again later in evening.

Chance of cloud free mountain/hill tops above 600m: 20-30% in west, but nearer 60-70% in east.

Visibility: Periods or persistent cloud above 450-600m in the west with patches below, but cloud more occasional in the east. Otherwise visibility good, occasionally very good in east, falling to several kilometres in drizzle and several hundred metres in any low level fog.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 16 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 W	15/23 W	13/19 W	10/14 W	8/11 W	6/11 W	5/8 W
300	8/12 S	9/15 W	9/12 W	5/9 W	5/9 W	3/7 W	2/5 SW
Valley	3/12 SW	5/14 W	5/12 W	3/8 W	3/9 W	3/7 NW	2/5 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/2	6/3	6/3	6/3	5/2	4/2
300	8/6	8/6	8/6	8/7	8/6	7/6	6/6
Valley	7/6	7/6	8/7	8/8	8/7	7/6	6/5
Freezing Level*	2000m	1900m	1900m	2000m	2000m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures under clearer skies in east nearer plus 2 or 3 Celsius at dawn and again later in evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 15 Dec 2021	0.2mm	6mm	12.8mm

Forecast for Friday 17 Dec 2021

Weather: Some clear or sunny spells at first in east, but generally a cloudy, largely dry day, just a few spots of drizzle possible. Risk of low level fog at first in east

Maximum wind: Variable, becoming mainly easterly, less than 10mph

Chance of cloud free mountain/hill tops above 600m: Little chance in west, but nearer 60% at first in east.

Visibility: Periods or persistent cloud above 400-500m, but cloud more occasional at first in the east. Otherwise visibility rather hazy, but good or very good at first in east, but several hundred metres in any low level fog.

Temperature: **Valleys:** Plus 1 or 2 Celsius in east overnight, otherwise 6 or 7 Celsius
At 600m: Around plus 4 Celsius
Freezing level: Above the summits

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